

Application No.: 10/595,020  
Amendment Dated: December 26, 2007  
Reply to Office Action of: September 27, 2007

MAT-8794US

**Amendments to the Drawings:**

The attached sheets of drawings include changes to Figures 4, 5 and 7. These sheets replace the original sheets.

**Remarks/Arguments:**

The present invention relates to a gas sensor for detecting humidity and concentration of gas mixed with the atmosphere containing moisture.

On pages 2 and 3 of the Office Action, the Examiner has objected to the drawings. Figure 4 has been amended as recommended by the Examiner and furthermore reference numeral 115 has been removed from Figure 5. With reference to Figure 7, however, Applicant believes the objections should be directed to Figure 6. As shown, Figure 6 contains the reference boxes 25, 26 and 27 where as Figure 7 does not. Therefore Applicant has labeled boxes 25-27 of Figure 6 as suggested by the Examiner. Furthermore, Figure 7 has not been amended. On pages 4 and 5 of the Office Action, the Examiner has objected to the specification. Applicant has therefore amended the specification as suggested by the Examiner.

On page 6 of the Office Action, the Examiner objects to claims 1, 4 and 7. Applicant has therefore amended the claims as suggested by the Examiner.

On page 6 of the Office Action, the Examiner rejects claims 1-19 under 35 U.S.C. section 112 as being indefinite. Specifically in regards to claim 1, the Examiner asks how the ambient temperature is obtained from a voltage signal. Applicant has therefore amended claim 1 to recite a proportional relationship between the voltage signal and the ambient temperature. Applicant has furthermore made amendments to claim 1 and 2 which provide further clarification of the claimed invention.

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In view of the amendments set forth above, the above identified application is in the condition for allowance which action is respectfully requested.

Respectfully submitted,

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Attachments: Figures 4, 5 and 7 (3 sheets)

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